Appl. No.: (not yet assigned)

(U.S. National Stage of PCT/AT2004/000295

Preliminary Amdt. Dated February 28, 2006

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this

application.

1. (Currently Amended) A device for automatically injecting injection liquids,

including comprising an axially subdivided housing whose parts are comprising at least two parts

which are connectable with each other, wherein

an axially displaceable pressure pin (5) is guided in a first housing part (2), which pin is

capable of being inserted against a force accumulator (6) and locked in the inserted position and

extended upon relief of the force accumulator (6), and

an injection needle (15) fixed in a needle guide (14) and an ampoule (13) are mounted in

a second housing part (3) so as to be axially displaceable relative to each other, wherein the

injection needle (15) on its side facing the ampoule (13) is designed as a perforation piece for the

ampoule (13), characterized in that wherein

the ampoule (13) with its end facing the injection needle (15) is mounted to reach into a

sleeve (16) fixed within the second housing part (3) and whose, said sleeve (16) having an inner

diameter that substantially corresponds to the an outer diameter of the ampoule (13), that

radially inwardly protruding projections (17) are formed on the an inner periphery of the

sleeve (16), and that

the sleeve (16) comprises locking members cooperating with locking members (20) of the

needle guide (14), whereby an axial displacement of the ampoule (13) in the a direction to

toward the needle guide (14) while overcoming the displacement resistance exerted by the

projections (17) causes the release of the locking members (20) and the axial displaceability of

the needle guide (14).

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2. (Currently Amended) A device according to claim 1, eharacterized in that wherein the locking members of the sleeve (16) are formed on arms (19) capable of excursing moving outwardly in a resilient manner,

said arms (19) each carrying an inwardly protruding projection (23) in the <u>a</u> region of their <u>a</u> coupling site <u>of said arm (19)</u>, which <u>projection (23)</u> cooperates with the ampoule (13) under the <u>excursion movement</u> of the arms (19) and release of the locking members (20).

- 3. (Currently Amended) A device according to claim 1 or 2, characterized in that the , wherein an end-side annular surface of the sleeve (16) facing the needle guide (14) rests on a radially inwardly protruding projection of the second housing part (3).
- 4. (Currently Amended) A device according to claim 1, 2 or 3, characterized in that wherein the locking members of the needle guide (14) are comprised of snap-in noses (20) engaging in reception openings, said snap in noses (20) being preferably formed on the needle guide (14).
- 5. (Currently Amended) A device according to any one of claims 1 to 4, characterized in that claim 1, wherein a spring element acting in the an axial direction is arranged between the needle guide (14) and the ampoule (13).
- 6. (Currently Amended) A device according to claim 5, characterized in that wherein the spring element is designed in one piece with the needle guide (14), as a spring basket (25) compressible in the axial direction.
- 7. (Currently Amended) A device according to any one of claims 1 to 6, characterized in that claim 1, wherein the injection needle (15) includes comprises a radial

passage opening (33) at an axial distance from its end designed as a perforation piece (32) for the ampoule (13).

- 8. (Currently Amended) A device according to claim 7, characterized in that wherein the radial passage opening (33) in the axial direction is arranged between the injection needle end designed as a perforation piece (32) and an annular web (34) arranged on the needle guide (14) and surrounding the injection needle (15), said annular web (34) defining a closed annular space between the web (34) and the injection needle (15) reaching into the ampoule (13).
- 9. (Currently Amended) A device according to any one of claims 1 to 8, characterized in that claim 1, wherein the ampoule (13) with its end facing away from the injection needle (15) is arranged to reach into a sleeve-shaped ampoule socket (28) which comprises a plurality of lamellar guide ribs extending in the longitudinal direction.
- 10. (Currently Amended) A device according to claim 8, characterized in that the wherein an ampoule reception opening facing the first housing part (2) including the pressure pin (5) is closed by a gas-permeable sealing foil (29).
- 11. (Currently Amended) A device according to claim 9 or 10, characterized in that, wherein a seal and, in particular, an O ring seal (30) is arranged between the an outer periphery of the ampoule socket (28) and the an inner periphery of the second housing part (3).
- 12. (Currently Amended) A device according to claim 8, characterized in that the wherein an outer periphery of the ampoule socket (28) comprises a labyrinth seal, and that a seal and, in particular, an O ring-seal (30) is arranged between the ampoule socket (28) and the ampoule (13).

- 13. (New) A device according to claim 11, wherein the seal is an O-ring seal (30).
- 14. (New) A device according to claim 12, wherein the seal arranged between the ampoule socket (28) and the ampoule (13) is an O-ring seal (30).
- 15. (New) A device according to claim 2, wherein an end-side annular surface of the sleeve (16) facing the needle guide (14) rests on a radially inwardly protruding projection of the second housing part (3).
- 16. (New) A device according to claim 2, wherein the locking members of the needle guide (14) are snap-in noses (20) engaging in reception openings.
- 17. (New) A device according to claim 3, wherein the locking members of the needle guide (14) are snap-in noses (20) engaging in reception openings.
- 18. (New) A device according to claim 2, wherein a spring element acting in an axial direction is arranged between the needle guide (14) and the ampoule (13).
- 19. (New) A device according to claim 3, wherein a spring element acting in an axial direction is arranged between the needle guide (14) and the ampoule (13).
- 20. (New) A device according to claim 4, wherein a spring element acting in an axial direction is arranged between the needle guide (14) and the ampoule (13).